



U.S. Fish & Wildlife Service

National Conservation Training Center

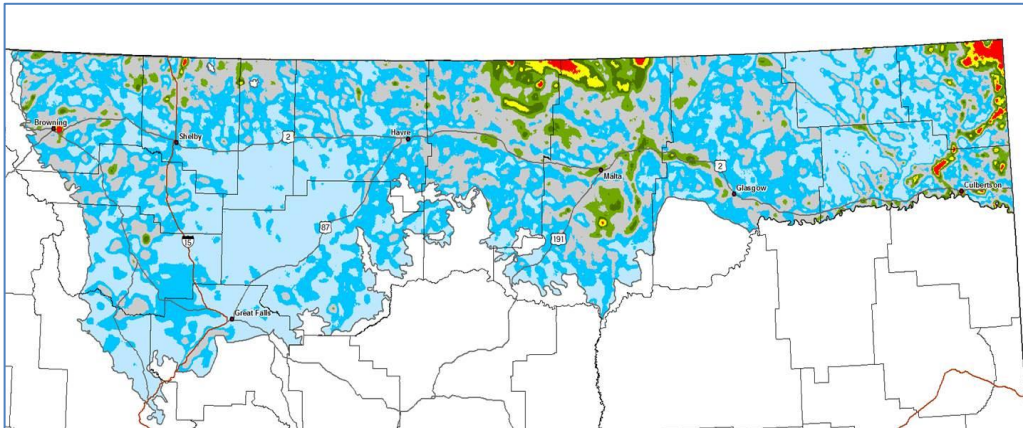
Training Announcement

Conservation Area Design using Marxan

CSP4250

Course Description

This 4.5 day hands-on technical course provides participants with the basic knowledge and skills necessary to use Marxan in a conservation planning exercise. Marxan is a software program that runs as a plugin in QGIS, ArcGIS or as a package in R. Using Marxan, planners can identify an efficient system of reserve sites, or any other type of spatial management network(s), that include a suite of biodiversity or human use targets at a minimal cost. Marxan is one of the most used conservation planning tools worldwide because it provides a systematic and repeatable method for designing management networks.



Objectives

Upon completion of this course, you will be able to:

- ✓ Understand the key concepts of systematic conservation planning through case study examples.
- ✓ Explain the when, where, and why of how to use Marxan and other decision support tools.
- ✓ Create input files for Marxan, adjust parameter settings and understand the outputs.
- ✓ Apply newly learned skills to your own data/project in class.

Dates & Location

Sept 18-21, 2017 - NCTC

Prerequisites

You should have a working knowledge of ArcGIS or QGIS software. It would also be beneficial, but not required, to have experience with species distribution modeling.

Who Should Attend

Scientists and environmental planners who are responsible for landscape conservation planning.

Course Length

4.5 days

Tuition

Free for FWS, BLM and NPS employees, all others the cost will be \$1,195.00.

To Register

Log in and search the DOI Learn catalog for **CSP4250**

Course Contact

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